

ZIP: 60680-0703
COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.24

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/095,726

FILING DATE: 21-JUL-1993

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/785,566

FILING DATE: 30-OCT-1991

ATTORNEY/AGENT INFORMATION:

NAME: Galloway, No. 553018Bval B

TELECOMMUNICATION INFORMATION:

TELEPHONE: 3128564972

TELEFAX: 3128567180

TELEFAX: 3128564972

INFORMATION FOR SEQ ID NO: 15:

SEQUENCE CHARACTERISTICS:

LENGTH: 1235 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

US-08-095-726-13

Query Match 4.8%; Score 16; DB 1; Length 1235;

Best Local Similarity 100.0%; Pred. No. 5; Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 125 TCTATCAGCTACCCG 140
|||||||||||||||
Db 897 TCTATCAGCTACCCG 912

RESULT 3
US-08-095-726-15

Query Match 4.8%; Score 16; DB 1; Length 1235;

Best Local Similarity 100.0%; Pred. No. 5; Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 125 TCTATCAGCTACCCG 140
|||||||||||||||
Db 897 TCTATCAGCTACCCG 912

RESULT 4
US-08-096-623A-13

Query Match 4.8%; Score 16; DB 1; Length 1235;

Best Local Similarity 100.0%; Pred. No. 5; Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 125 TCTATCAGCTACCCG 140
|||||||||||||||
Db 897 TCTATCAGCTACCCG 912

RESULT 4
US-08-096-623A-13

Query Match 4.8%; Score 16; DB 1; Length 1235;

Best Local Similarity 100.0%; Pred. No. 5; Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 125 TCTATCAGCTACCCG 140
|||||||||||||||
Db 897 TCTATCAGCTACCCG 912

RESULT 4
US-08-096-623A-13

Query Match 4.8%; Score 16; DB 1; Length 1235;

Best Local Similarity 100.0%; Pred. No. 5; Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 125 TCTATCAGCTACCCG 140
|||||||||||||||
Db 897 TCTATCAGCTACCCG 912

RESULT 4
US-08-096-623A-13

Query Match 4.8%; Score 16; DB 1; Length 1235;

Best Local Similarity 100.0%; Pred. No. 5; Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 125 TCTATCAGCTACCCG 140
|||||||||||||||
Db 897 TCTATCAGCTACCCG 912

RESULT 4
US-08-096-623A-13

Query Match 4.8%; Score 16; DB 1; Length 1235;

Best Local Similarity 100.0%; Pred. No. 5; Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 125 TCTATCAGCTACCCG 140
|||||||||||||||
Db 897 TCTATCAGCTACCCG 912

TELEPHONE: 3128567180
TELEFAX: 3128564972

INFORMATION FOR SEQ ID NO: 15:

SEQUENCE CHARACTERISTICS:

LENGTH: 1235 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

RESULT 4
US-08-096-623A-13

Query Match 4.8%; Score 16; DB 1; Length 1235;

Best Local Similarity 100.0%; Pred. No. 5; Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 125 TCTATCAGCTACCCG 140
|||||||||||||||
Db 897 TCTATCAGCTACCCG 912

RESULT 4
US-08-096-623A-13

Query Match 4.8%; Score 16; DB 1; Length 1235;

Best Local Similarity 100.0%; Pred. No. 5; Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 125 TCTATCAGCTACCCG 140
|||||||||||||||
Db 897 TCTATCAGCTACCCG 912

RESULT 4
US-08-096-623A-13

Query Match 4.8%; Score 16; DB 1; Length 1235;

Best Local Similarity 100.0%; Pred. No. 5; Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 125 TCTATCAGCTACCCG 140
|||||||||||||||
Db 897 TCTATCAGCTACCCG 912

RESULT 4
US-08-096-623A-13

Query Match 4.8%; Score 16; DB 1; Length 1235;

Best Local Similarity 100.0%; Pred. No. 5; Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 125 TCTATCAGCTACCCG 140
|||||||||||||||
Db 897 TCTATCAGCTACCCG 912

RESULT 4
US-08-096-623A-13

Query Match 4.8%; Score 16; DB 1; Length 1235;

Best Local Similarity 100.0%; Pred. No. 5; Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 125 TCTATCAGCTACCCG 140
|||||||||||||||
Db 897 TCTATCAGCTACCCG 912

RESULT 4
US-08-096-623A-13

Query Match 4.8%; Score 16; DB 1; Length 1235;

Best Local Similarity 100.0%; Pred. No. 5; Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 125 TCTATCAGCTACCCG 140
|||||||||||||||
Db 897 TCTATCAGCTACCCG 912

RESULT 4
US-08-096-623A-13

Query Match 4.8%; Score 16; DB 1; Length 1235;

Best Local Similarity 100.0%; Pred. No. 5; Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 125 TCTATCAGCTACCCG 140
|||||||||||||||
Db 897 TCTATCAGCTACCCG 912

RESULT 4
US-08-096-623A-13

Query Match 4.8%; Score 16; DB 1; Length 1235;

Best Local Similarity 100.0%; Pred. No. 5; Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 125 TCTATCAGCTACCCG 140
|||||||||||||||
Db 897 TCTATCAGCTACCCG 912

INFORMATION FOR SEQ ID NO: 13:

SEQUENCE CHARACTERISTICS:

LENGTH: 1235 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

POSITION IN GENOME:

MAP POSITION: -19 to 1216

UNITS: bp

US-08-096-623A-13

Query Match

Best Local Similarity 4.8%; Score 16; DB 1; Length 1235;

Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 125 TCTATCAGTCACCCG 140

Db 897 TCTATCAGTCACCCG 912

RESULT 5

Sequence 15, Application US/08096623A

Patent No. 5684238

GENERAL INFORMATION:

APPLICANT: Ausich, Rodney L.

APPLICANT: Brinthaus, Friedhelm L.

APPLICANT: Mukherji, Indranil

APPLICANT: Proffitt, John H.

APPLICANT: Yarger, James G.

APPLICANT: Yen Huei-che B.

TITLE OF INVENTION: Biosynthesis of Zeaxanthin and

TITLE OF INVENTION: Glycosylated Zeaxanthin in Genetically Engineered Hosts

NUMBER OF SEQUENCES: 104

CORRESPONDENCE ADDRESS:

ADDRESSEE: Welsh & Katz, Ltd.

STREET: 120 S. Riverside Plaza, 22nd Floor

CITY: Chicago

STATE: IL

COUNTRY: USA

ZIP: 60606

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/096,623A

FILING DATE: 22-JUL-1993

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/805,061

FILING DATE: 09-DEC-1991

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/662,921

FILING DATE: 28-FEB-1991

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/562,674

FILING DATE: 03-AUG-1990

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/525,551

FILING DATE: 18-MAY-1990

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/487,613

FILING DATE: 02-MAR-1990

ATTORNEY/AGENT INFORMATION:

NAME: Ganson, Edward P.

REGISTRATION NUMBER: 29,381

REFERENCE/DOCKET NUMBER: AMO-006.1

TELECOMMUNICATION INFORMATION:

TELEPHONE: (312) 655-1501

TELEFAX: (312) 655-1501

INFORMATION FOR SEQ ID NO: 15:

SEQUENCE CHARACTERISTICS:

LENGTH: 1235 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

POSITION IN GENOME:

MAP POSITION: -19 to 1216

UNITS: bp

US-08-096-623A-15

Query Match 4.8%; Score 16; DB 1; Length 5737;

Best Local Similarity 100.0%; Pred. No. 5; Mismatches 0; Indels 0; Gaps 0;

Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 125 TCTATCAGTCACCCG 140

Db 897 TCTATCAGTCACCCG 912

RESULT 6

US-08-259-264-1/c

Sequence 1, Application US/08259264

Patent No. 565093

GENERAL INFORMATION:

APPLICANT: White, Morris F.

TITLE OF INVENTION: PGP0PIK: A DOWNSTREAM ELEMENT IN INSULIN SIGNALING

NUMBER OF SEQUENCES: 2

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lahive & Cockfield

STREET: 60 STATE STREET, SUITE 510

CITY: BOSTON

STATE: MASSACHUSETTS

COUNTRY: USA

ZIP: 02109

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: ASCII text

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/259,264

FILING DATE: 10-JUN-1994

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Myers, Louis

REGISTRATION NUMBER: 35,965

REFERENCE/DOCKET NUMBER: JDP-021

TELECOMMUNICATION INFORMATION:

TELEPHONE: (617) 227-7400

TELEFAX: (617) 227-5941

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:

LENGTH: 5737 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: cDNA

FEATURE: CDS

NAME/KEY: CDS

LOCATION: 1388..2749

US-08-259-264-1

Query Match 4.8%; Score 16; DB 1; Length 5737;

Best Local Similarity 100.0%; Pred. No. 5; Mismatches 0; Indels 0; Gaps 0;

Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 17 ATGCTCTCGCTGCCTGG 32

DD 374 ATGCCTCCTGCTGG 359

RESULT 7 ;

US-08-822-586-45

Sequence 45, Application US/08822586

PATENT No. 6015890

GENERAL INFORMATION:

APPLICANT: WILLIAM R. JACOBS, JR., JAMES M. MUSSER AND

AMALIO TELLENTI

TITLE OF INVENTION: AN EMB CAB OPERON OF MYCOBACTERIA AND

TITLE OF INVENTION: MUTANTS THEREOF

NUMBER OF SEQUENCES: 57

CORRESPONDENCE ADDRESS:

ADDRESSEE: AMSTER, ROTHSCHILD & EBENSTEIN

STREET: 90 PARK AVENUE

CITY: NEW YORK

STATE: NEW YORK

ZIP: 10016

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 INCH 1.44 Mb STORAGE

COMPUTER: IBM PC COMPATIBLE

OPERATING SYSTEM: MS-DOS

SOFTWARE: ASCII

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/822,586

FILING DATE: MARCH 20, 1997

ATTORNEY/AGENT INFORMATION:

NAME: ELIZABETH A. BOGOSSIAN

REGISTRATION NUMBER: 39,911

REFERENCE/DOCKET NUMBER: 96700/437

TELECOMMUNICATION INFORMATION:

TELEPHONE: (212) 286-0554 or 286-0082

TELEFAX: (212) 697-5995

TELEX: 710-581-4766

INFORMATION FOR SEQ ID NO: 45:

SEQUENCE CHARACTERISTICS:

LENGTH: 10095

TYPE: nucleic acid

STRANDEDNESS: double

TOPOLOGY: linear

MOLECULE TYPE: Genomic DNA

HYPOTHETICAL: NO

US-08-822-586-45

EARLIER FILING DATE: 1998-08-31

NUMBER OF SEQ ID NOS: 544
SOFTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO: 471

LENGTH: 488

TYPE: DNA

ORGANISM: Homo sapiens

FEATURE:

NAME/KEY: misc_feature

LOCATION: (1)..(488)

OTHER INFORMATION: n = A,T,C or G

US-09-386-982-471

Query Match 4.5%; Score 15; DB 4; Length 488;
Best Local Similarity 100.0%; Pred. No. 18; Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;Qy 101 GCATGAGGGACACT 115
Db 346 gcatgaggccact 360

RESULT 9

US-08-203-806B-3/C

Sequence 3, Application US/08203806B

Patent No. 5714575

GENERAL INFORMATION:

APPLICANT: INOUYE, Masayori

APPLICANT: Jones, Pamela

APPLICANT: Etchegaray, Jean-Pierre

APPLICANT: Weinig, Jian

APPLICANT: Pollitt, N. Stephen

APPLICANT: Goldstein, Joel

APPLICANT: Goldstein, N.

APPLICANT: Stephen

TITLE OF INVENTION: Nucleic Acid Sequences, Stress-induced

TITLE OF INVENTION: Proteins and Uses Thereof

NUMBER OF SEQUENCES: 18

CORRESPONDENCE ADDRESS:

ADDRESSEE: Weiser & Associates

STREET: 230 South Fifteenth Street, Suite 500

CITY: Philadelphia

STATE: PA

COUNTRY: U.S.A.

ZIP: 19102

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/203,806B

FILING DATE: 01-MAR-1994

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Weiser, Gerard J.

REGISTRATION NUMBER: 19,763

REFERENCE/DOCKET NUMBER: 377.5998P

TELECOMMUNICATION INFORMATION:

TELEFAX: 215-875-8394

TELEFAX: 834809 WEISTAK

INFORMATION FOR SEQ ID NO: 3:

SEQUENCE CHARACTERISTICS:

LENGTH: 1120 base pairs

TYPE: nucleic acid

STRANDEDNESS: double

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

FEATURE:

NAME/KEY: CDS

LOCATION: 686..895

US-08-203-806B-3

Query Match 4.5%; Score 15; DB 1; length 1120;
 Best Local Similarity 100.0%; Pred. No. 19; Mismatches
 Matches 15; Conservative 0; Indels 0; Gaps 0;

Qy 99 CTGATGAGGCACCA 113
 Db 622 CTGCATGAGGCACCA 608

RESULT 10
 US-09-106-217-15
 Sequence 15, Application US/09106217
 GENERAL INFORMATION:
 PATENT NO. 6063576
 APPLICANT: Keating, Mark T.
 APPLICANT: Olson, Timothy M.
 TITLE OF INVENTION: Actin Mutations in Dilated
 Cardiomyopathy, a Heritable Form of Heart Failure
 NUMBER OF SEQUENCES: 18
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Rothwell, Figg, Ernst & Kurz, P.C.
 STREET: 555 Thirteenth Street, N.W., Suite 701 East
 CITY: Washington
 STATE: DC
 COUNTRY: U.S.A.
 IP: 2004A
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patientin Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/106,217
 FILING DATE:
 CLASSIFICATION:
 ATTORNEY/AGENT INFORMATION:
 NAME: Saxe, Stephen A.
 REGISTRATION NUMBER: 38,609
 REFERENCE/DOCKET NUMBER: 2323-125
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 202-783-5040
 TELEFAX: 202-783-6031
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1134 base pairs
 STRANDEDNESS: double
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 ORIGINAL SOURCE:
 ORGANISM: Homo sapiens
 FEATURE:
 NAME/KEY: CDS
 LOCATION: 1..1131
 US-09-106-217-1

Query Match 4.5%; Score 15; DB 3; Length 1128;
 Best Local Similarity 100.0%; Pred. No. 19; Mismatches
 Matches 15; Conservative 0; Indels 0; Gaps 0;

Qy 105 GAGGCCACCTATGT 119
 Db 908 GAGGCCACCTATGT 922

RESULT 12
 US-08-462-351-1/C
 Sequence 1, Application US/08462351
 GENERAL INFORMATION:
 PATENT NO. 6106840
 APPLICANT: Sharma, Somesh D.
 APPLICANT: Clark, Brian R.
 APPLICANT: Letch, Bernard L.
 TITLE OF INVENTION: MHC Conjugates Useful in Ameliorating
 Autoimmunity
 NUMBER OF SEQUENCES: 10
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Townsend and Townsend and Crew LLP
 STREET: Two Embarcadero Center, Eighth Floor
 CITY: San Francisco
 STATE: California

RESULT 11
 US-08-106-217-1
 Sequence 1, Application US/09106217

• Thu May 9 08:36:10 2002

us-09-301-507-74.rni

Page 7

APPLICATION NUMBER: 08/378,682
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: WALLEN III, JOHN W.
REGISTRATION NUMBER: 35,403
REFERENCE/DOCKET NUMBER: MRL 94/185
TELECOMMUNICATION INFORMATION:
TELEPHONE: (908)594-3905
TELEX: (908)594-4720
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 1488 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-812-203-4

Query Match 4.5%; Score 15; DB 2; Length 1488;
Best Local Similarity 100.0%; Pred. No. 20; Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 26 CTTGCTGGCGCTATG 40
Db 1145 CTTGCTGGCGCTATG 1159

Search completed: May 9, 2002, 04:38:09
Job time: 5211 sec

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GenCore version 4.5
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OM nucleic - nucleic search, using sw model

Run on: May 8, 2002, 23:54:21 ; Search time 61.93 Seconds
(without alignments)
1228.752 Million cell updates/sec

Title: US-09-301-507-74
Perfect score: 336
Sequence: 1 CGCTGCATCTTCTATGC.....CCCCNTTGGTTCCACCA 336

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 351203 seqs., 113238999 residues

Total number of hits satisfying chosen parameters: 702406

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Listing first 45 summaries

Database : Issued Patents_NA:*

1: /cgn2_6/podata/1/ina/5A_COMB.seq:*

2: /cgn2_6/podata/1/ina/5B_COMB.seq:*

3: /cgn2_6/podata/1/ina/6A_COMB.seq:*

4: /cgn2_6/podata/1/ina/6B_COMB.seq:*

5: /cgn2_6/podata/1/ina/POTUS_COMB.seq:*

6: /cgn2_6/podata/1/ina/backfiles/1.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query length	DB ID	Description
1	29.6	8.0	1162 4	US-08-838-151A-1
2	29.6	8.8	1166 4	US-08-838-151A-13
3	29.6	8.8	1169 4	US-08-838-151A-3
4	29.6	8.8	1169 4	US-08-838-151A-5
5	29.6	8.8	1169 4	US-08-838-151A-7
6	29.6	8.8	1246 4	US-08-838-151A-15
7	29.6	8.8	2602 4	US-08-838-151A-17
8	28.4	8.5	7286 5	PCT-US95-11684-1
9	28.2	8.4	3416 2	US-08-357-642A-2
10	28.2	8.4	3416 2	US-08-460-626-2
11	27.8	8.3	49136 4	US-09-422-869-1
12	27.2	8.1	940 2	US-08-713-000-3
13	27.2	8.1	940 2	US-08-975-316-3
14	27.2	8.1	940 4	US-09-211-710-3
15	27.2	8.1	1512 3	US-08-911-853-6
16	27.2	8.1	1512 4	US-09-479-409-6
17	27.2	8.1	1785 2	US-08-1676-48
18	27.2	8.1	17612 3	US-08-911-853-29
19	27.2	8.1	17612 4	US-08-911-853-29
20	27	8.0	17949 4	US-09-087-465-3
21	26.4	7.9	1329 1	US-08-278-630A-8
22	26.4	7.9	2890 3	US-08-848-810-1
23	26.4	7.9	3150 4	US-08-943-768-1
24	26.4	7.9	72928 3	US-08-009-913-1
25	26.2	7.8	1209 1	US-08-314-309A-5
26	26.2	7.8	1513 1	US-08-314-309A-2
27	7.8	1546 1	US-08-314-309A-3	

ALIGNMENTS

RESULT 1
US-08-838-151A-1
; Sequence 1, Application US/08038151A
; Patent No. 6291743
; GENERAL INFORMATION:
; APPLICANT: STout, John T
; APPLICANT: Lau, Hang T
; APPLICANT: Maxwell, Douglas
; APPLICANT: Ahlquist, Paul
; APPLICANT: Hanson, Steve
; TITLE OF INVENTION: Transgenic Plants Expressing Geminivirus
; TITLE OF INVENTION: Genes
; NUMBER OF SEQUENCES: 63
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dressler, Rockey, Milnamow & Katz
; STREET: Two Prudential Plaza, Suite 4700
; CITY: Chicago
; STATE: Illinois
; COUNTRY: U.S.A.
; ZIP: 60601

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; CURRENT APPLICATION DATA:
; OPERATING SYSTEM: PATENTIN Release #1.0, version #1.30
; APPLICATION NUMBER: US/08/838,151A
; FILING DATE:
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Mueller, Lisa V
; REGISTRATION NUMBER: 38,978
; REFERENCE/DOCKET NUMBER: SVS3801P0260
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312-616-5400
; TELEFAX: 312-616-5460
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1162 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: circular
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Tomato Mottle Gemini Virus
; INDIVIDUAL: ISOLATE: Florida
; FEATURE:
; NAME/KEY: CDS

LOCATION: 44 .1127
 PUBLICATION INFORMATION:
 AUTHORS: Gilchriston, RL
 AUTHORS: Hidayat, SH
 AUTHORS: Paplomatas, EJ
 AUTHORS: Rotas, MR
 AUTHORS: Hou, YM
 AUTHORS: Maxwell, DP
 TITLE: Pseudorecombinant between the infectious
 cloned DNA components of tomato mottle and bean
 TITLE: dwarf mosaic geminiviruses.
 JOURNAL: Jour. General Virol.
 VOLUME: 74
 PAGES: 23-31
 DATE: 1993
 ; US-08-838-151A-1

Query Match
 Best Local Similarity 8.8%; Score 29.6; DB 4; Length 1162;
 Matches 41; Conservative 0; Mismatches 0; Gaps 0;

QY 205 CGNNTGGCCCTGAGNTTCAGAGGNGNCCTGGTCCTCCATCGCCTAGGAGGTCAAGNA 264
 Db 660 CGGTGCACTGCAGAGACCTGTAAGTATCATCGAGGGTGAATTCAAGAA 719

QY 265 AAGGG 269
 Db 720 CAGGG 724

RESULT 2
 US-08-838-151A-13
 Sequence 13, Application US/08838151A
 ; Patent No. 6291743
 GENERAL INFORMATION:
 APPLICANT: Stout, John T
 APPLICANT: Luu, Hang T
 APPLICANT: Ahquist, Paul
 APPLICANT: Hanson, Steve
 TITLE OF INVENTION: Transgenic Plants Expressing Geminivirus
 NUMBER OF SEQUENCES: 63
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Dressler, Rockey, Milnamow & Katz
 CITY: Chicago
 STATE: Illinois
 COUNTRY: U.S.A.
 ZIP: 60601

COMPUTER READABLE FORM:
 COMPUTER TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patientin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
 CURRENT APPLICATION NUMBER: US/08-838, 151A
 FILING DATE:
 CLASSIFICATION: 800

ATTORNEY/AGENT INFORMATION:
 NAME: Mueller, Lisa V
 REGISTRATION NUMBER: 38, 978
 REFERENCE/DOCKET NUMBER: SVS3801P0260
 TELEPHONE: 312-616-5400
 TELEFAX: 312-616-5460

SEQUENCE CHARACTERISTICS:
 LENGTH: 1169 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: circular
 MOLECULE TYPE: DNA (genomic)
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 ORIGINAL SOURCE:
 INDIVIDUAL: Tomato Mottle Geminivirus
 ISOLATE: Florida
 FEATURE:
 NAME/KEY: CDS
 LOCATION: 44..436
 ; US-08-838-151A-13

Query Match
 Best Local Similarity 8.8%; Score 29.6; DB 4; Length 1166;
 Matches 41; Conservative 0; Mismatches 0; Gaps 0;

QY 205 CGNNTGGCCCTGAGNTTCAGAGGNGNCCTGGTCCTCCATCGCCTAGGAGGTCAAGNA 264
 Db 664 CGGTGCACTGCAGAGACCTGTAAGTATCATCGAGGGTGAATTCAAGAA 723

QY 265 AAGGG 269
 Db 724 CAGGG 728

RESULT 3
 US-08-838-151A-3
 Sequence 3, Application US/08838151A
 ; Patent No. 6291743
 GENERAL INFORMATION:
 APPLICANT: Stout, John T
 APPLICANT: Luu, Hang T
 APPLICANT: Maxwell, Douglas
 APPLICANT: Ahquist, Paul
 APPLICANT: Hanson, Steve
 TITLE OF INVENTION: Transgenic Plants Expressing Geminivirus
 NUMBER OF SEQUENCES: 63
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Dressler, Rockey, Milnamow & Katz
 STREET: Two Prudential Plaza, Suite 4700
 CITY: Chicago
 STATE: Illinois
 COUNTRY: U.S.A.
 ZIP: 60601

COMPUTER READABLE FORM:
 COMPUTER TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patientin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
 CURRENT APPLICATION NUMBER: US/08-838, 151A
 FILING DATE:
 CLASSIFICATION: 800

ATTORNEY/AGENT INFORMATION:
 NAME: Mueller, Lisa V
 REGISTRATION NUMBER: 38, 978
 REFERENCE/DOCKET NUMBER: SVS3801P0260
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 312-616-5400
 TELEFAX: 312-616-5460

INFORMATION FOR SEQ ID NO: 3:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1169 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: circular
 MOLECULE TYPE: DNA (genomic)
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 ORIGINAL SOURCE:
 ORGANISM: Tomato Mottle Gemini Virus
 STRAIN: Florida

US-08-838-151A-7

Query Match

Best Local Similarity

8.8%; Score 29.6; DB 4; Length 1169;

Matches 41; Conservative

0; Mismatches 0; Gaps 0;

Pred. No. 0.44; Indels 24;

Length 1169;

QY 205 CGNNITGGCCCTGAGNTTCCAGAGGGNCAGGTTCAAGNA 264

Db 660 CGGGTGACCTGCGGCCAGAGCCTGTAATCATCGTGAGGGTGAATCAAGAA 719

QY 265 AAGGC 269

Db 720 CAGGG 724

RESULT 6

US-08-838-151A-15

Sequence 15, Application US/08838151A

Patient No. 6291743

GENERAL INFORMATION:

APPLICANT: Stout, John T

APPLICANT: Luu, Hang T

APPLICANT: Maxwell, Douglas

APPLICANT: Ahlquist, Paul

APPLICANT: Hanson, Steve

TITLE OF INVENTION: Transgenic Plants Expressing Geminivirus

TITLE OF INVENTION: Genes

NUMBER OF SEQUENCES: 63

CORRESPONDENCE ADDRESS:

ADDRESSEE: Dressler, Rockey, Milnamow & Katz

STREET: Two Prudential Plaza, Suite 4700

CITY: Chicago

STATE: Illinois

COUNTRY: U.S.A.

ZIP: 60601

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/838,151A

FILING DATE:

CLASSIFICATION: 800

ATTORNEY/AGENT INFORMATION:

NAME: Mueller, Lisa V

REGISTRATION NUMBER: 38, 978

REFERENCE/DOCKET NUMBER: SVS3801P0260

TELECOMMUNICATION INFORMATION:

TELEPHONE: 312-616-5400

TELEFAX: 312-616-5460

INFORMATION FOR SEQ ID NO: 15:

SEQUENCE CHARACTERISTICS:

LENGTH: 1246 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLogy: circular

MOLECULE TYPE: DNA (genomic)

HYPOTHEtical: NO

ANTI-SENSE: NO

ORIGINAL SOURCE:

ORGANISM: Tomato Mottle Geminivirus

STRAIN: Florida

PUBLICATION INFORMATION:

AUTHORS: Gilbertson, RL

AUTHORS: Hidayat, SH

AUTHORS: Paplomatas, EJ

AUTHORS: Rojas, MR

AUTHORS: Hou, YM

AUTHORS: Maxwell, DP

TITLE: Pseudorecombination between the infectious

TITLE: Cloned DNA components of tomato mottle and bean

TITLE: dwarf mosaic geminiviruses.

JOURNAL: Journal of General Virology

VOLUME: 74

PAGES: 23-31

DATE: 1993

US-08-838-151A-15

Query Match

Best Local Similarity

8.8%; Score 29.6; DB 4; Length 1246;

Matches 41; Conservative

0; Mismatches 0; Gaps 0;

Pred. No. 0.46; Indels 24;

Length 1246;

QY 205 CGNNITGGCCCTGAGNTTCCAGAGGGNCAGGTTCAAGNA 264

Db 660 CGGGTGACCTGCGGCCAGAGCCTGTAATCATCGTGAGGGTGAATCAAGAA 719

QY 265 AAGGC 269

Db 720 CAGGG 724

RESULT 7

US-08-838-151A-17/c

Sequence 17, Application US/08838151A

Patient No. 6291743

GENERAL INFORMATION:

APPLICANT: Stout, John T

APPLICANT: Luu, Hang T

APPLICANT: Maxwell, Douglas

APPLICANT: Ahlquist, Paul

APPLICANT: Hanson, Steve

TITLE OF INVENTION: Transgenic Plants Expressing Geminivirus

TITLE OF INVENTION: Genes

NUMBER OF SEQUENCES: 63

CORRESPONDENCE ADDRESS:

ADDRESSEE: Dressler, Rockey, Milnamow & Katz

STREET: Two Prudential Plaza, Suite 4700

CITY: Chicago

STATE: Illinois

COUNTRY: U.S.A.

ZIP: 60601

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/838,151A

FILING DATE:

CLASSIFICATION: 800

ATTORNEY/AGENT INFORMATION:

NAME: Mueller, Lisa V

REGISTRATION NUMBER: 38, 978

REFERENCE/DOCKET NUMBER: SVS3801P0260

TELECOMMUNICATION INFORMATION:

TELEPHONE: 312-616-5400

TELEFAX: 312-616-5460

INFORMATION FOR SEQ ID NO: 17:

SEQUENCE CHARACTERISTICS:

LENGTH: 2602 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLogy: circular

MOLECULE TYPE: DNA (genomic)

HYPOTHEtical: NO

ORIGINAL SOURCE:

ORGANISM: Tomato Mottle Geminivirus

STRAIN: Florida

Query Match

Best Local Similarity

8.8%; Score 29.6; DB 4; Length 2602;

Matches 41; conservative 0; Mismatches 24; Indels 0; Gaps 0;

QY 205 CGNNTGCCTCTAGNTTCAGAGGGNCCTGGCGTCCATCCCTAGCAGGGTTCAAGNA 264
Db 1993 CGGGTGACGCTCGCGGCCAGAGACCTGTAGATCATCGTCAGGGTGAATCAAGAA 1934

RESULT 8
PCT-US95-11684-1/C
SEQUENCE 1, Application PC/TUS9511684

GENERAL INFORMATION:
APPLICANT: THE SCRIPPS RESEARCH INSTITUTE
TITLE OF INVENTION: CYTOTOACTIN DERIVATIVES THAT STIMULATE
TITLE OF INVENTION: ATTACHMENT AND NEURITE OUTGROWTH, AND METHODS OF MAKING
TITLE OF INVENTION: AND USING SAME

NUMBER OF SEQUENCES: 28
CORRESPONDENCE ADDRESS:
ADDRESSEE: The Scripps Research Institute, Office of
STREET: 10666 North Torrey Pines Road, TPC 8
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037

COMPUTER READABLE FORM:
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/11684
FILING DATE: 14-SEP-1995

CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/308,359
FILING DATE: 16-SEP-1994

ATTORNEY/AGENT INFORMATION:
NAME: Loren, April C.
REGISTRATION NUMBER: 33,950
REFERENCE/DOCKET NUMBER: BEC0019P

TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-554-2937
TELEFAX: 619-554-6312

INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS: 1:
LENGTH: 7286 base pairs
TYPE: nucleic acid
STRANDEDNESS: Single
TOPOLOGY: Linear
MOLECULE TYPE: DNA (genomic)

FEATURE:
NAME/KEY: CDS
LOCATION: 55..6654

OTHER INFORMATION: /product= "cytotoactin"

PCT-US95-11684-1

Query Match 8.5%; Score 28.4; DB 5; Length 7286;
Best Local Similarity 48.6%; Pred. No. 3.5; Mismatches 68; Conservative 0; Mismatches 68; Predicted 0; Mismatches 72; Indels 0; Gaps 0;

QY 74 CAGTATCCACTCGGACCCCTCTCGCGNCTCATGAGGCCACACTATGTTGNNATCTATCAGC 133
Db 4970 CAGCACAGCAGGAAACCGCTCTGGGGCATTTGAAACCAGAAGGTTGTCATACTCCGGT 4911

RESULT 9
US-08-357-642A-2/C
SEQUENCE 2, Application US/08357642A
PATENT NO. 5837524

GENERAL INFORMATION:
APPLICANT: SIMA LEV
TITLE OF INVENTION: PRK2 RELATED PRODUCTS
TITLE OF INVENTION: AND METHODS
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon.
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
COMPUTER: storage
OPERATING SYSTEM: IBM P.C.; DOS 5.0
SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/357.642A
FILING DATE: December 15, 1994
CLASSIFICATION: 536

PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REFERENCE/DOCKET NUMBER: 32,327

TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 3416
TYPE: nucleic acid
STRANDEDNESS: Single
TOPOLOGY: Linear
MOLECULE TYPE: nucleic acid

US-08-357-642A-2

Query Match 8.4%; Score 28.2; DB 2; Length 3416;
Best Local Similarity 52.9%; Pred. No. 2.7; Mismatches 54; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 114 CTATGTTGNNATCTATCAGCTACCCGTTGNTACAAGTGTAGNCCTAAAGGAGAATAGT 173
Db 1152 CTATGAGGTCAGGCAATGTCAGCTTGCTAGGGTAGGAGTTTGTTGAGGCAAGGCT 1093

QY 174 GGGAGTCTCTGAGACACTATGTAATGCCCTNTGGCCCT 215
Db 1092 GGGGGCACCTTCATGCCAGCTGAAGTACTGCTGGCTGGCCCT 1051

RESULT 10
US-08-410-626-2/C
SEQUENCE 2, Application US/08410626
PATENT NO. 5837115

GENERAL INFORMATION:
APPLICANT: SIMA LEV

RESULT 13
 US-08-975-316-3/C
 Sequence 3, Application US/08975316
 ; Patent No. 5932486
 ; GENERAL INFORMATION:
 ; APPLICANT: BLOKSBERG, Leonard N., HAVUKKALA, Ilkka
 ; TITLE OF INVENTION: MATERIALS AND METHODS FOR
 ; MODIFICATION OF PLANT LIGNIN CONTENT
 ; NUMBER OF SEQUENCES: 88
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Ann W. Speckman
 ; STREET: 2601 Elliott Avenue, Suite 4185
 ; CITY: Seattle
 ; STATE: WA
 ; COUNTRY: USA
 ZIP: 98121
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FastSEQ for Windows Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/975, 316
 FILING DATE:
 CLASSIFICATION: 800
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/713, 000
 FILING DATE: September 11, 1996
 ATTORNEY/AGENT INFORMATION:
 NAME: SLEATH, Janet
 REGISTRATION NUMBER: 37, 007
 REFERENCE/DOCKET NUMBER: 11000/1003C1
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 206-269-0565
 TELEFAX: 206-269-0563
 TELEX:
 INFORMATION FOR SEQ ID NO: 3 :
 SEQUENCE CHARACTERISTICS:
 LENGTH: 940 base Pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-975-316-3

RESULT 15
 US-08-911-853-6
 Sequence 6, Application US/08911853
 ; Patent No. 6048710
 ; GENERAL INFORMATION:
 ; APPLICANT: Gerritsse, Gijshbert
 ; APPLICANT: Quax, Willemus J.
 ; TITLE OF INVENTION: EXPRESSION SYSTEM FOR ALTERED
 ; NUMBER OF SEQUENCES: 37
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Genencor International
 ; STREET: 925 Page Mill Road
 ; CITY: Palo Alto
 ; STATE: CA
 ; COUNTRY: USA
 ZIP: 94304-1013
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FastSEQ for Windows Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/911, 853
 FILING DATE:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/699, 092
 FILING DATE: 16-AUG-1996
 ATTORNEY/AGENT INFORMATION:
 NAME: Glaister, Debra J
 REGISTRATION NUMBER: 33, 888
 REFERENCE/DOCKET NUMBER: GC361-2
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 650-45-6504
 TELEFAX: 650-45-6504
 INFORMATION FOR SEQ ID NO: 6 :
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1512 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-911-853-6

Thu May 9 08:36:11 2002

USS-09-301-507-74-1.rml

Query	Match	Score	DB	Length
Best Local	Similarity	No.	3;	1512;
Matches	Conservative	Pred.	3, 9;	
QY	173 TGGAGCTTCGTGAACTACTTGATCCCGNNTTGGCCCTGAGNTTCCAGAGGNCC	232		0;
Db	896 TGGAGCATCGGCCAGACCCAGGTCAACC CGGGTGGACATGACCTCCCGGGCC	955		
QY	233 TGGCTGC 240			
Db	956 TGGCGGCC 963			

Search completed: May 9, 2002, 03:25:11
Job time: 12650 sec